



Product Evaluation

DR804 | 0117

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-804

Effective Date: January 1, 2017

Re-evaluation Date: December 2017

Product Name: Easyfold 3000 Glazed Aluminum Folding Door System, Impact Resistant

Manufacturer: Origin USA, Inc.
771 Commerce Drive, Suite16
Venice, FL 34292
(717) 824-2259

General Description:

System	Description	Label Rating	Design Pressure	Drawing Number
1	Easyfold 3000 Glazed Door Folding System In-Swing or Out-Swing w/Track Riser & with or w/o Hinged Astragal (XXXXXXXX)	MST: 24'8" x 8'6" ASTME 330-02 ASTM E1886-05 ASTM E1996-09	+50/-55 psf	ORG1004

Product Dimensions:

System	Overall Size	Door Panel Size	Door Daylight Opening Size	Slave Panel Size
1	298-1/8" x 101-7/8"	36-3/4" x 96"	30" x 90"	36" x 96"

Components and Hardware:

System	Component	Quantity/System	Attachment Method
1	Flag Hinge ORI001/ORI006	3	Install hardware and components in accordance with Origin USA Inc. drawing ORG1004 pages 1 thru 12 of 12, dated January 25, 2016, signed and sealed by Robert James Amoruso P.E. on March 7, 2016.
	Multipoint Lock System by Milenco w/latch and deadbolt.	1	
	Flushbolts Top and Bottom	1 each	
	Lock keepers	3	
	Slave Handle w/Flushbolts	4	
	Top Fork Assembly # OFBFATD01	3	
	Bottom Fork Assembly # OFBFATD01	3	

Product Identification (Certification Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code	Origin USA, Inc.
	Product Name	Easyfold 3000 Aluminum Folding system
	Test Standards	ASTM E330-02/ASTM E1886-05/ASTM E1996-09 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Installation:

System		
1	Type of Installation	Install and anchor doors in accordance with Origin USA Inc. drawings ORG1004 pages 1 thru 12 of 12, dated January 25, 2016, signed and sealed by Robert James Amoruso P.E. on March 7, 2016.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	
	Fabrication and Assembly	Doors are assembled and glazed at the factory, shipped separately. Frame components are assembled at factory, frames (head, jamb and sill) are shipped separately. Complete door system is assembled at job site.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.